

# ABSTRACT

A switch including a first and a second conductor and a transducer. The switch includes a base and an actuator coupled to the base. The actuator includes an actuating surface and a coil located thereon such that when the switch is located in a magnetic field and a sufficient current is passed through the coil, the actuator is displaced relative to the base to an actuating position wherein the actuating surface causes the first and second conductors to be electrically coupled.